

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	2	("20030191445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 11:47
L15	20	("4564054" "4878897" "5199947" "5232109" "5445630" "5782872" "6113068" "6146362" "6221065" "6245056").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:45
L16	511	(604/411).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:46
L17	30	l16 and (snap near3 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:53
L18	2237	(604/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:31
L19	285	(604/284).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:31
L20	643	(604/533).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:41
L21	281	(604/414).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:42
L22	26	("4059109"   "4311137"   "4387879"   "4614437"   "4683916"   "4842591"   "4917668"   "5071413"   "5085645"   "5232109"   "5242393"   "5251873"   "5269771"   "5295657").PN. OR ("5445630").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 13:45
L23	18	("2884924"   "3001525"   "3316908"   "3662752"   "3670728").PN. OR ("3822700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 13:48
L24	0	(snap near3 fit) and (groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54

## EAST Search History

L25	0	(snap with fit) and (groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
L26	0	(groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
L27	3	(groove with rim with taper\$3 with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
L28	18	(groove with rim with taper\$3 with fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
L29	45	(US-20020010437-\$ or US-20030191445-\$).did. or (US-5603706-\$ or US-5632735-\$ or US-5766211-\$ or US-4311137-\$ or US-5810793-\$ or US-6464686-\$ or US-6471674-\$ or US-6482189-\$ or US-6689096-\$ or US-6113068-\$ or US-6146362-\$ or US-6221065-\$ or US-4911696-\$ or US-5505721-\$ or US-6027146-\$ or US-4557261-\$ or US-5358490-\$ or US-4676256-\$ or US-5445630-\$ or US-5199947-\$ or US-6142446-\$ or US-5104375-\$ or US-4338933-\$ or US-4257416-\$ or US-4219912-\$ or US-6669681-\$). did. or (US-5158554-\$ or US-4191183-\$ or US-5989217-\$ or US-4601701-\$ or US-5405331-\$ or US-5232109-\$ or US-5782872-\$ or US-2488089-\$ or US-5879029-\$ or US-5071413-\$ or US-4998713-\$ or US-4256106-\$ or US-5976103-\$ or US-5273533-\$ or US-5088984-\$ or US-6726672-\$ or US-3822700-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/27 14:41
L30	25	l29 and taper\$3	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:49
L31	3	wallen-claes.in. or anreasson-kiell. in.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:52
L32	494	(604/415).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:53

## EAST Search History

L33	393	(137/861).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:54
L34	376	(137/594).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:55
L35	485	(604/82).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:55
L36	185	(604/86).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:56
L37	161	(604/87).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:56
S1	276	wallen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:48
S2	2	S1 and "604"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:51
S3	12	("4564054" "4878897" "6113068" "6146362" "6221065" "6245056"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:54
S4	255	(604/284).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:59
S5	681	(604/416,414,412).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:01
S6	19	S5 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:12

## EAST Search History

S7	30	("2460641"   "3405706"   "3494351"   "3604410"   "3696806"   "3733439"   "3848581"   "3877465"   "4434802"   "4492634"   "4676256"   "4703762"   "4951685"   "4976271"   "5033476"   "5086780"   "5104375"   "5314412"   "5360423").PN. OR ("5505721").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:03
S8	17	("3405706"   "3494351").PN. OR ("4676256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:04
S9	22	("3604410").URPN.	USPAT	OR	OFF	2005/02/02 11:06
S10	1	S5 and Y-shape	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:19
S11	151	(285/131.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:32
S12	784	(604/905).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:33
S13	80	S12 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:33

## EAST Search History

S14	77	("1578517"   "2210098"   "2999499"   "3134380"   "3502097"   "3630199"   "3797486"   "3861388"   "3974832"   "3976073"   "3986508"   "3994293"   "4005710"   "4019512"   "4040420"   "4128098"   "4149535"   "4161949"   "4187846"   "4191183"   "4214779"   "4219912"   "4257416"   "4294249"   "4296949"   "4306705"   "4328802"   "4329987"   "4334551"   "4338933"   "4362156"   "4405163"   "4432765"   "4439193"   "4457749"   "4508367"   "4511359"   "4512766"   "4564054"   "4607868"   "4617012"   "4645494"   "4673400"   "4725267"   "4752292"   "4846809"   "4917668"   "4932944"   "4946445"   "4964855"   "4981469"   "4998713"   "4998921"   "5069225"   "5100394"   "5122123"   "5153489"   "5158554"   "5167648"   "5171234"   "5188620"   "5195992"   "5199947"   "5290254"   "5344414").PN. OR ("5954708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:35
S15	68	("3900028"   "4046610"   "4048995"   "4048996"   "4133441").PN. OR ("4219912").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:46
S16	169	(604/244).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:46
S17	19	S16 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:47
S18	16	("4294247"   "4340049"   "4428745"   "4435179"   "4601701"   "4722727"   "4730616").PN. OR ("4911696").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:48

## EAST Search History

S19	41	("1413703"   "2290348"   "3882909"   "3958572"   "3976073"   "4005710"   "4089432"   "4121585"   "4259956"   "4519513"   "4543101"   "4573506"   "4607671"   "4610469"   "4655762"   "4752292"   "4759756"   "4834716"   "4874377"   "4935010"   "4964855"   "5100394"   "5125921"   "5135489"   "5167648"   "5171234"   "5188620"   "5199947"   "5199948"   "5232109"   "5251873"   "5300034"   "5354275"   "5356396"   "5405331"   "5509911"   "Re33617").PN. OR ("6146362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:37
S20	75	("2665024"   "2848130"   "3088615"   "3106206"   "3313439"   "3343699"   "3974930"   "4133441"   "4134512"   "4193402"   "4226334"   "4227617"   "4441621"   "4515752"   "4664275"   "4872572"   "4923072"   "5064083"   "5125921").PN. OR ("5232109"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:40
S21	24	("4059109"   "4311137"   "4387879"   "4614437"   "4683916"   "4842591"   "4917668"   "5071413"   "5085645"   "5232109"   "5242393"   "5251873"   "5269771"   "5295657").PN. OR ("5445630"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:52
S22	75	("2665024"   "2848130"   "3088615"   "3106206"   "3313439"   "3343699"   "3974930"   "4133441"   "4134512"   "4193402"   "4226334"   "4227617"   "4441621"   "4515752"   "4664275"   "4872572"   "4923072"   "5064083"   "5125921").PN. OR ("5232109"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:54